UNISEX ADA COMPLIANT RESTROOM. (BASEMENT FLOOR) INTO NEW OFFICES, CLASSROOMS, AND LABS, RENOVATE THIRD FLOOR RESTROOM INTO UNISEX ADA COMPLIANT RESTROOM. RENOVATE PORTION OF PRENTIS BUILDING (BASEMENT, FIRST FLOOR, MEZZANINE, AND THIRD FLOOR) INTO NEW OFFICES, CLASSROOMS, AND LABS. RENOVATE THIRD FLOOR RESTROOM INTO UNISEX ADA COMPLIANT RESTROOM.
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**Legend of Abbreviations**

**Room Finish Schedule**

**Index of Finish Manufacturers**

- **Wayne State University**
- **University Building - Rackham**
- **Relocation**

Sheet title: Room Finish Schedule

Project number: 18113.0
GENERAL DEMOLITION NOTES

A. Demolition contractor shall be familiar with entire scope of new work prior to starting demolition work.
B. All demolition floor plans, wall layouts, door and window locations, patterns have been shown for reference only. The General Contractor must field verify all dimensions and room layouts prior to new work and notify the architect of any deviations from what is shown.
C. Refer to electrical and mechanical drawings for extent of electrical and mechanical removal work and for additional information.
D. Room numbers and room names on all existing drawings relate only to demolition work. All demolition floor plans, wall layouts, door and window locations, patterns have been shown for reference only. The General Contractor must field verify all dimensions and room layouts prior to new work and notify the architect of any deviations from what is shown.
E. All existing items removed shall be returned to the owner for re-use or disposed of over to the owner.
F. Owner is responsible for removing any loose equipment such as furniture, movable equipment, trash cans, etc.
G. All door hardware shall be removed from demolished doors, cleaned and turned over to the owner.
H. Where new plumbing is indicated, saw cut & remove existing concrete floor slab for installation of new plumbing. Coordinate with mechanical and plumbing drawings. Existing flooring to remain.
I. Coordinate scope and extent of demolition work with new work plans and details.
J. Demolition plans depicting non-removable objects shall be used by demolition contractor to remove Scope and extent of demolition work. The General Contractor must field verify all dimensions and room layouts prior to new work and notify the architect of any deviations from what is shown.
K. Unless noted otherwise when removing existing suspended lay-in ceiling assembly, remove portion of existing gypsum & metal stud wall for new door.
L. Where new plumbing is indicated, saw cut & remove existing concrete floor slab for installation of new plumbing. Coordinate with mechanical and plumbing drawings. Existing flooring to remain.
M. Existing flooring and wall base to be removed. Prep floor for new finish per specifications. Patch and repair existing concrete floor slab. Coordinate with mechanical and plumbing drawings.
N. Existing fixtures to remain. Remove portion of existing block wall. Provide temporary structural support for new work.
O. Where new plumbing is indicated, saw cut & remove existing concrete floor slab for installation of new plumbing. Coordinate with mechanical and plumbing drawings. Existing flooring to remain. Remove portion of existing gypsum & metal stud wall for new one-way mirror.

DEMOLITION NOTES

1. Coordinate scope and extent of demolition work with new work plans and details.
2. Demolition plans depicting non-removable objects shall be used by demolition contractor to remove Scope and extent of demolition work.
3. Where new plumbing is indicated, saw cut & remove existing concrete floor slab for installation of new plumbing. Coordinate with mechanical and plumbing drawings.
4. Door hardware shall be removed from demolished doors and turned over to the owner.
5. All existing items removed shall be returned to the owner for re-use or disposed of.
6. Owner is responsible for removing any loose equipment such as furniture, movable equipment, trash cans, etc.
7. All site visits must be coordinated with WSU Construction Project Manager minimum 24 hours in advance of the site visit(s). All deviations from what is shown.

REMOVE TO OWNER

- All existing furniture, file cabinets, and other movable equipment that is not tagged to remain is to be removed by WSU.
- All existing signage is to be removed.
- All existing millwork is to be removed.
- All existing toilet partitions are to be removed.
- All existing plumbing fixtures are to be removed. Refer to MEP drawings for demo plumbing work.
- Existing light fixtures are to be removed. Coordinate removal of other mechanical, electrical, and architectural items with M&E demolition drawings.
- Remove portion of existing gypsum & metal stud wall for new one-way mirror.
GENERAL DEMOLITION NOTES

A. Demolition contractor shall be familiar with entire scope of new work prior to starting demolition work and for additional information.

B. All demolition floor plans, wall layouts, door and window locations, patterns have been coordinated with new work plans.

C. Refer to electrical and mechanical drawings for extent of electrical and mechanical removal work must be coordinated with EMU for allowable time of work and per specifications.

D. Room numbers and room names on all existing drawings relate only to demolition plans. Invoices is a removal of interior, furniture, and architectural removal.

E. All existing items removed shall be returned to the owner for re-use or disposed of over to the owner.

F. All demolition plans, wall layouts, door and window locations, patterns have been coordinated with new work plans and details.

G. All door hardware shall be removed from demolished doors, cleaned and turned over to the owner.

H. Repair all surfaces and components damaged during demolition and construction.

I. Coordinate scope and extent of demolition work with new work plans and details.

J. Demolition wall panel is non-removable and is to remain on the site.

K. Repair demolition wall panel is non-removable and is to remain on the site.

L. Where new plumbing is indicated, saw cut & remove existing concrete floor slab for installation of new plumbing. Coordinate with mechanical and plumbing drawings including furring channels, wall angles and suspension wires.

M. All site visits must be coordinated with WSU Construction Project Manager minimum 24 hours in advance of the site visit(s). All deviations from what is shown.

LEGEND

- Exterior walls
- Doorways
- Ceilings
- Floors
- Windows
- Stairs
- Existing elements
- New elements
- Measured items
- Misc.

DRAWING NOTATION

A. Scope of work shall be performed as indicated on the drawings.

B. Scope of work shall be performed as indicated on the drawings.

C. Scope of work shall be performed as indicated on the drawings.

D. Scope of work shall be performed as indicated on the drawings.

E. Scope of work shall be performed as indicated on the drawings.

F. Scope of work shall be performed as indicated on the drawings.

G. Scope of work shall be performed as indicated on the drawings.

H. Scope of work shall be performed as indicated on the drawings.

I. Scope of work shall be performed as indicated on the drawings.

J. Scope of work shall be performed as indicated on the drawings.

K. Scope of work shall be performed as indicated on the drawings.

L. Scope of work shall be performed as indicated on the drawings.

M. Scope of work shall be performed as indicated on the drawings.

N. Scope of work shall be performed as indicated on the drawings.

O. Scope of work shall be performed as indicated on the drawings.

P. Scope of work shall be performed as indicated on the drawings.

Q. Scope of work shall be performed as indicated on the drawings.

R. Scope of work shall be performed as indicated on the drawings.

S. Scope of work shall be performed as indicated on the drawings.

T. Scope of work shall be performed as indicated on the drawings.

U. Scope of work shall be performed as indicated on the drawings.

V. Scope of work shall be performed as indicated on the drawings.

W. Scope of work shall be performed as indicated on the drawings.

X. Scope of work shall be performed as indicated on the drawings.

Y. Scope of work shall be performed as indicated on the drawings.

Z. Scope of work shall be performed as indicated on the drawings.
GENERAL DEMOLITION NOTES

A. Demolition contractor shall be familiar with entire scope of new work prior to starting.

B. All demolition floor plans, wall layouts, door and window locations, patterns have been shown for reference only. The General Contractor must field verify all dimensions and room layouts prior to new work and notify the architect of any deviations from what is shown.

C. Refer to electrical and mechanical drawings for extent of electrical and mechanical removal work and for additional information.

D. Room numbers and room names on all existing drawings relate only to demolition work. coordinate scope and extent of demolition work with new work plans and details.

E. All existing items removed shall be returned to the owner for reuse or disposed of over to the owner.

F. Owner is responsible for removing any loose equipment such as furniture, movable equipment, trash cans, etc.

G. All door hardware shall be removed from demolished doors, cleaned and turned over to the owner.

H. Repair all surfaces and components damaged during demolition and construction.

I. Coordinate scope and extent of demolition work with new work plans and details.

J. Demolition work required is not necessarily limited to what is shown on the demolition plans. The intent is to remove all mechanical, electrical and architectural items required to facilitate new construction.

K. Unless noted otherwise when removing existing suspended lay-in ceiling assembly, remove existing lighting and light fixtures. Coordinate removal of other mechanical, plumbing and electrical items with M&E demolition drawings.

L. Where new plumbing is indicated, saw cut & remove existing concrete floor slab for installation of new plumbing. Coordinate with mechanical and plumbing drawings.

M. Remove portion of existing block wall. Provide temporary structural support.

N. Remove portion of existing gypsum & metal stud wall for new one-way mirror.

O. Remove portion of existing gypsum & metal stud wall for new door.

P. Remove existing gypsum and metal stud wall full height.

Q. Remove existing light fixtures. Coordinate removal of other mechanical, plumbing and electrical items with M&E demolition drawings.

R. Remove existing acoustic tile ceiling, grid to remain. Coordinate with mechanical and electrical drawings.

S. Remove existing signage.

T. Remove existing millwork.

U. Remove existing toilet partition. Refer or MEP dwgs for demo plumbing work.

V. All existing furniture, file cabinets, and other movable equipment that is not tagged to remain is to be removed by WSU.

W. Owner is responsible for removing any loose equipment such as furniture, movable equipment, trash cans, etc.

X. Owner shall remove any loose equipment such as furniture, movable equipment, trash cans, etc.

Y. Owner is responsible for removing any loose equipment such as furniture, movable equipment, trash cans, etc.

Z. Owner is responsible for removing any loose equipment such as furniture, movable equipment, trash cans, etc.
I. Coordinate scope and extent of demolition work with new work plans and details.

F. Owner is responsible for removing any loose equipment such as furniture, movable equipment, trash cans, etc.

E. All existing items removed shall be returned to the owner for reuse or disposed of as directed.

D. Room numbers and room names on all existing drawings relate only to demolition work.

G. All door hardware shall be removed from demolished doors, cleaned and turned over to the owner.

B. All demolition floor plans, wall layouts, door and window locations, patterns have been shown for reference only. The General Contractor must field verify all deviations from what is shown.

L. Where new plumbing is indicated, saw cut & remove existing concrete floor slab for installation of new plumbing. Coordinate with mechanical and plumbing drawings for locations. Contractor must take precautions not to damage existing structural floors.

K. Unless noted otherwise when removing existing suspended lay-in ceiling assembly, remove existing acoustic tile ceiling, grid to remain. Coordinate with mechanical and electrical drawings for locations. Contractor must take precautions not to damage existing structural floors.

J. Demolition work required is not necessarily limited to what is shown on the demolition plans. The intent is to remove all mechanical, electrical, and architectural items with M&E demolition removal work must be coordinated with EMU for allowable time of work and per specifications.

I. Coordinate scope and extent of demolition work with new work plans and details.

H. Review 100% CD’s

G. For Bids

F. Owner Review 90% CD’s

E. Owner Review 60% CD’s

D. Owner Review 90% CD's

C. Relocation

B. Prentis Building 3rd Floor Plan - Demolition Work

A. Prentis Building - Rackham Relocation

- Remove existing gypsum and metal stud wall
- Remove existing window frames and glass
- Remove existing door & frame assembly, including all related mechanical, plumbing and electrical items with M&E demolition
- Remove existing light fixtures. Coordinate removal of other mechanical, plumbing and electrical items with M&E demolition
- Remove existing doors and frames, including all related hardware.

- Remove existing toilet partition.
- Remove existing millwork
- Remove existing plumbing fixture. Refer or MEP dwgs for demo plumbing work.
- Remove existing signage
- Remove existing millwork
- Remove existing toilet partition.
- Remove existing millwork
- Remove existing plumbing fixture. Refer or MEP dwgs for demo plumbing work.
- Remove existing signage
- Remove existing millwork
- Remove existing toilet partition.
- Remove existing millwork
- Remove existing plumbing fixture. Refer or MEP dwgs for demo plumbing work.
GENERAL DEMOLITION NOTES
A. Demolition contractor shall be familiar with entire scope of new work prior to starting demolition work.
B. All demolition items to be removed shall be determined by shop drawings. All details of demolition items to be removed shall be detailed on demolition plans.
C. All electrical, mechanical, and architectural systems shall be removed.
D. Room numbers and room names on all existing drawings relate only to demolition work.
E. All demolition drawings shall be brought to 100% accuracy.
F. Owner is responsible for removing any loose equipment such as furniture, movable equipment, trash cans, etc.
G. All door hardware shall be removed from demolished doors, cleaned and turned over to the general contractor.
H. Repair all surfaces and components damaged during demolition and construction.
I. Coordinate scope and extent of demolition work with new work plans and details.
J. Demolition work required is not necessarily limited to what is shown on the demolition plans. Deviations from what is shown shall be coordinated with WSU and EMU.
K. All demolition work plans, wall layouts, door and window locations, patterns have been shown for reference only. The General Contractor must field verify all demolition work and for additional information.
L. Where new plumbing is indicated, saw cut & remove existing concrete floor slab for installation of new plumbing. Coordinate with mechanical and plumbing drawings for locations. Contractor must take precautions not to damage existing structural items to be removed.
M. All site visits must be coordinated with WSU consultants.
N. All site visits must be coordinated with WSU, the Architect, and the General Contractor.

DEMOLITION NOTES
1. Remove portion of existing block wall. Provide temporary structural support.
2. Remove portion of existing gypsum & metal stud wall for new door.
3. Remove existing gypsum and metal stud wall full height.
4. Existing flooring to remain.
5. Existing flooring and wall base to be removed. Prepare floor for installation of new flooring.
6. Remove existing signage.
7. Remove existing millwork.
8. Remove existing toilet partition.
9. Remove existing plumbing fixture. Refer or MEP dwgs for demo plumbing work.
10. All existing furniture, file cabinets, and other movable equipment that is not tagged to remain is to be removed by WSU.
11. Remove existing electrical fixtures.
12. Remove existing lighting fixtures.
13. Remove existing sprinkler heads.
14. Remove existing ceiling base, including all related mechanical, electrical and architectural items to be removed.
15. Remove existing glass, including all related mechanical, electrical and architectural items to be removed.

Scale: 1/8" = 1'-0"
I. Coordinate scope and extent of demolition work with new work plans and details.

H. Repair all surfaces and components damaged during demolition and construction.

F. Owner is responsible for removing any loose equipment such as furniture, movable.

E. All existing items removed shall be returned to the owner for reuse or disposed of.

D. Room numbers and room names on all existing drawings relate only to demolition.

C. Refer to electrical and mechanical drawings for extent of electrical and mechanical.

B. All demolition floor plans, wall layouts, door and window locations, patterns have.

A. All site visits must be coordinated with WSU.

J. Demolition work required is not necessarily limited to what is shown on the.

G. All site visit dates will be submitted to the owner and owner's representative.

K. Unless noted otherwise when removing existing suspended lay-in ceiling assembly,

L. Where new plumbing is indicated, saw cut & remove existing concrete floor slab for

M. DEMOLITION NOTES

- Remove portion of existing block wall. Provide temporary structural support.
- Remove portion of existing gypsum & metal stud wall for new one-way mirror.
- Remove existing gypsum and metal stud wall full height.
- Existing flooring to remain.
- Existing flooring and wall base to be removed. Prep floor for new finish per specifications. Patch and repair existing.
- Remove existing signage.
- Remove existing millwork.
- Remove existing toilet partition. Refer or MEP dwgs for demo plumbing work.
- Remove existing plumbing fixture. Refer or MEP dwgs for demo plumbing work.
- Remove existing hardware. Remove existing door & frame assembly, including all related.
- Remove existing acoustic tile ceiling, grid to remain. Coordinate.
- Coordination checked
drawn
checked
approved

Wayne State
University
Facilities Planning and Management
5454 Coats Avenue
Detroit, MI 48221

Printed Building - Rackham
Relocation

Prentis Building
Third Floor Plan - Demolition Work

Prentis Building
3rd Floor reflected
Ceiling Plan - Demolition Work

Scale: 1/8" = 1'-0"
GENERAL NOTES:
1. GENERAL CONTRACTOR AND SUB TRADES ARE RESPONSIBLE TO VERIFY ALL EXISTING DIMENSIONS AND NOTIFY THE ARCHITECT OF ANY AND ALL DISCREPANCIES.
2. GENERAL CONTRACTOR SHALL BE FAMILIAR WITH ENTIRE SCOPE OF NEW WORK AND PROCEED WITH WORK IN ACCORDANCE WITH NEW WORK.
3. NEW WORK FLOOR PLANS, WALL LOCATIONS, DOOR AND WINDOW LOCATIONS AND ALL DESIGN ARE NOT INTENDED TO SHOW ALL CONDITIONS, MATERIAL PATTERNS AND LAYOUTS. INSPECT SITE PRIOR TO START OF CONSTRUCTION TO DETERMINE THE FULL SCOPE OF WORK.
4. REFER TO ELECTRICAL / MECHANICAL DRAWINGS FOR EXTENT OF NEW ELECTRICAL AND MECHANICAL WORK. COORDINATE BETWEEN ALL DISCIPLINES.
5. ALL PATCH PAINTING TO INCLUDE ENTIRE/COMPLETE WALL - EDGE TO EDGE & CORNER TO CORNER.

NEW WORK NOTES:

DOORS:
- INSTALL NEW DOOR, REFER TO DOOR SCHEDULE. PROVIDE HARDWARE PER SCHEDULE.

WALLS:
- NEW FLOOR FINISH, REFER TO FINISH SCHEDULE.
- NEW WALL CONSTRUCTION, REFER TO WALL TYPES SCHEDULE.

CEILINGS:
- PREP AND PAINT, REFER TO SCHEDULE.
- PROVIDE NEW ACOUSTIC CEILING TILES, REFER TO SCHEDULE.

LIGHTING:
- INSTALL NEW LIGHTING FIXTURES, REFER TO ELECTRICAL DRAWINGS FOR FULL EXTENT OF WORK.

PROVIDE NEW MILLWORK, REFER TO INTERIOR ELEVATIONS.

MISC.
- INSTALL NEW LOOSE FURNITURE, REFER TO WSU FURNITURE LIST.
- INSTALL NEW SIGNAGE. COORDINATE WITH WSU FACILITIES MANAGER.
- INSTALL NEW WHITE BOARD.
- INSTALL NEW FLAT SCREEN.
- INSTALL NEW ONE-WAY MIRROR. ARROW INDICATES DIRECTION OF VIEW.
- INSTALL NEW MILLWORK, REFER TO INTERIOR ELEVATIONS.

EXISTING CEILING TILE AND GRID TO REMAIN. REPLACE ANY DAMAGED CEILING TILES OR GRID.
1. GENERAL CONTRACTOR AND SUB TRADES ARE RESPONSIBLE TO VERIFY ALL EXISTING DIMENSIONS AND NOTIFY THE ARCHITECT OF ANY AND ALL DISCREPANCIES.

2. GENERAL CONTRACTOR SHALL BE FAMILIAR WITH ENTIRE SCOPE OF NEW WORK AND PROCEED WITH WORK IN ACCORDANCE WITH NEW WORK.

3. NEW WORK FLOOR PLANS, WALL LAYOUTS, DOOR AND WINDOW LOCATIONS AND PATTERNS HAVE BEEN SHOWN FOR REFERENCE ONLY. THIS DRAWING IS NOT INTENDED TO SHOW ALL CONDITIONS, MATERIAL PATTERNS AND LAYOUTS. INSPECT SITE PRIOR TO START OF CONSTRUCTION TO DETERMINE THE FULL SCOPE OF WORK.

4. REFER TO ELECTRICAL / MECHANICAL DRAWINGS FOR EXTENT OF NEW ELECTRICAL AND MECHANICAL WORK. COORDINATE BETWEEN ALL DISCIPLINES. REPORT DISCREPANCIES TO ARCHITECT.

5. ALL PATCH PAINTING TO INCLUDE ENTIRE COMPLETE WALL - EDGE TO EDGE & CORNER TO CORNER.

NEW WORK NOTES:

- NEW WALL CONSTRUCTION, PAINT AND PAINT, REFER TO WALL TYPES AND DETAIL.
- NEW FLOOR FINISH, REFER TO FINISH SCHEDULE.
- NEW FLOOR BASE, REFER TO FINISH SCHEDULE.
- ALL AREA MULLION WALLS MUST REDUCE WITH Base
- NEW WOOD BOOK, REFER TO SCHEDULE. FINISH
- NEW CABINET STYLE DOORS & CONSOLIDATED HANDLES
- PROTECT EXISTING BOOK SECURITY
- MISC.
GENERAL NOTES:
1. General contractor and sub-trades are expected to proceed in accordance with the schedule and specifications.
2. General contractor shall be familiar with all areas of the building and the surrounding environment.
3. New work floor plans, walls, and ceilings shall be compatible with existing building systems. Refer to Schedule for full extent of work.
4. Start of construction to determine the full extent of work.

NEW WORK NOTES:
1. New work is instruction. Prop and Paint, refer to all types of work.
2. Prop are paint, specify color.
3. New work includes doors, windows, and electrical work. Refer to Schedule.
4. New work includes modifications to existing work. Refer to Schedule.
5. New work includes removal of existing work. Refer to Schedule.

5. Responsible to verify all existing dimensions and window locations and patterns have been shown for reference only. This drawing is shown for reference only. This drawing is not intended to show all conditions, materials, or work. Coordinate between all disciplines.

Reminder: Install new signage. Coordinate with WSU facilities planning and management.
Provide the new suspended ceiling system at each location.

For the new suspended ceiling system, use the same core material as the existing ceiling system.

1/2" veneer core

16 gauge sheet metal

Plywood

Melamine finish on plywood

Provide fire rated plywood cabinet base

3/4" veneer core

Wood blocking

1/2" veneer core

16 gauge sheet metal

Forte’ K-10415-CP, brushed chrome

Plywood cabinet base

3/4" p-lam back splash

Provide locking mechanism (TYP), refer to finish schedule

Provide HD concealed hinges (TYP), refer to finish schedule

P-lam drawer face, refer to room finish schedule (TYP), relocate millwork from Rackham, coordinate with WSU project manager

Provide new gyp bd, refer to room finish schedule

Relocate upper cabinets and back splash from Rackham, coordinate with WSU project manager

New p-lam countertop

SS-1 bull-nosing w/ 3/4" surface mounted sstl sink

Bulkhead

Relocate open shelving and back splash

Consultants:

Prentis Building - Rackham Relocation

WAYNE STATE UNIVERSITY
Facilities Planning and Management
5454 Cass Avenue
Detroit, MI 48202

Project: Prentis Building Interior Elevations, Sections and Details

FOR BIDS
KEYNOTES:

1. MOUNT GRILLE ON THE NEW SHAFT WALL. COORDINATE W/ ARCH.

2. ASSOCIATED DUCT, DIFFUSERS, PIPING, CONTROLS, SENSORS & WIRING IN ITS ENTIRETY.

3. REMOVE EXISTING COMPUTER ROOM AIR CONDITIONING (CRAC) UNIT, AND ITS CRAC Storage.

4. PERFORM SHUTDOWNS AT A SCHEDULED SERVICES OR EQUIPMENT WITH OWNER.

5. AREA OF WORK.

6. APPROVAL AND PARTICIPATION OF IMEG CORP. © 2018 IMEG CORP.
THIRD FLOOR DEMOLITION - VENTILATION

KEYNOTES:

1. DISCONNECT ALL AIR GRILLES WITH EQUIPMENT COMPLETE INCLUDING ALL Supports, Controls and Accessories.
2. REMOVE ALL INDICATED DUCTWORK AND SUPPORTS, CONTROLS AND ACCESSORIES.
3. REMOVE EXISTING SUPPLY DIFFUSER, CLEAN AND PREPARE TO MOUNT THE SENSOR AT NEW LOCATION.
4. REMOVE EXISTING VAV BOX TEMPERATURE SENSOR, DISCONNECT CONTROL AND RELATED ITEMS INCLUDING HANGERS, EQUIPMENT COMPLETELY INCLUDING ALL SERVICES OR EQUIPMENT WITH OWNER.
5. CAP ALL THE OPEN ENDED DUCTWORK. DO NOT LEAVE ANY ABANDONED DUCT WORK IN THE AREA OF WORK.
6. COORDINATE ALL DEMOLITION WITH ELECTRICAL DEMOLITION WITH OWNER'S PROJECT REPRESENTATIVE.
7. ELECTRICAL DEMOLITION WITH OWNER'S PROJECT REPRESENTATIVE.
8. REMOVE ALL INDICATED DUCTWORK AND SERVICES OR EQUIPMENT WITH OWNER. AS TO MINIMIZE DISRUPTION OF BUILDING OPERATIONS.
9. CONFIRM W/ THE OWNER & ARCH FOR THE INSTALLATION OF NEW FLOOR REGISTERS.
10. CONFIRM W/ THE OWNER & ARCH FOR THE INSTALLATION OF NEW FLOOR REGISTERS.
11. REMOVE EXISTING RETURN AIR FLOWS AT ALL REINSTALLATION.
12. DESCRIPTED ON SHEET MH AND CREATE AN AIR BALANCE REPORT.
13. EXISTING REGISTERS TO BE CLEANED & CONFIRM W/ THE OWNER & ARCH FOR THE INSTALLATION OF NEW FLOOR REGISTERS.
14. REGISTER. CLEAN AND PREPARE FOR REMOVE EXISTING SUPPLY AIR FLOOR
15. DEMOLISH EXISTING DUCTWORK, CEILING SUPPORTS, CONTROLS AND ACCESSORIES.
16. REMOVE EXISTING RETURN REGISTERS.
17. REUSED IN LIEU OF NEW REGISTERS.
1. INSTALLATION, REPAIR, OR REPLACEMENT OF TERMINAL AIR BOXES AND OTHER EQUIPMENT WHERE NECESSARY TO PROVIDE ACCESS TO AREA OF WORK.
2. LEAVE ANY ABANDONED DUCT WORK IN THE CAP ALL OPEN ENDED DUCTWORK. DO NOT TIME AS TO MINIMIZE DISRUPTION OF BUILDING SERVICES OR EQUIPMENT WITH OWNER.
3. PROVIDE ACCESS DOOR AND MANDATORY ACCESS DOOR 6' X 6' ESSENTIAL TO PROVIDE ACCESS TO EXISTING DUCT, PIPING ON SITE.
4. PROVIDE ACCESS DOOR WHERE REQUIRED TO ALLOW ACCESS TO TERMINAL AIR BOXES AND OTHER EQUIPMENT.
5. PROVIDE ACCESS PANEL AND DEGREASING IN ALL ITS ASSEMBLED FORMATIONS IF A REASPECTIVE IS REQUIRED TO ALLOW ACCESS TO TERMINAL AIR BOXES AND OTHER EQUIPMENT.
6. PROVIDE ACCESS PANEL WHERE REQUIRED TO ALLOW ACCESS TO TERMINAL AIR BOXES.

SHEET GENERAL NOTES:
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4. FOR BIDS

THIRD FLOOR PLAN - VENTILATION

IMEG Project Number - N05468.0

WSU Prentis Bldg Rackham Relocation

248.344.2800 FAX: 248.344.1650
26200 TOWN CENTER DRIVE
NOVI, MI 48375

Facilities Planning and Management
5454 Cass Avenue
Detroit, MI 48202

 찾아보기
1. TERMINAL AIR BOX DETAIL

2. FOR SINGLE DUCT TERMINAL UNITS - RADIATED SOUND POWER DATA FOR 100% PRIMARY AIR VALVE FLOW IS TO BE ARIE ... THE 2ND OCTAVE BAND AT THE MAXIMUM PRIMARY AIR FLOW INDICATED IN THE SCHEDULE AND WITH 1.5" W.C. INLET STATIC PRESSURE.


4. MAINTAIN VAPOR BARRIER FROM MAIN TO BRANCH DUCT.

5. DUCT LEADING TO TAB INLET MUST BE STRAIGHT FOR 1.5 DIAMETER

NOTES:

1. SIZES INDICATED ARE TYPICAL. REFER TO PLANS FOR ADDITIONAL REQUIRED SIZES AND CFM.

2. INSTALL ONE TIE WRAP FOR EACH END OF FLEXIBLE DUCT NYLON TIE WRAP, TWO REQUIRED MINIMUM OF 2" ONTO RIGID DUCT. PROVIDE WITH NYLON TIE. OVERLAP FLEX DUCT CUT HELIX AND INNER FABRIC HERE. SECURE 4)

3. DUCT LEADING TO TAB INLET MUST BE STRAIGHT FOR 1.5 DIAMETER

4. INSTALL SMART HUMIDITY CONTROLLER (EQUIVALENT TO ARIE) TO PROVIDE REHEAT COIL (IF SCHEDULED), INSULATED TRANSITION AS REQUIRED BY NFPA CONNECTIONS AS REQUIRED BY NFPA CLEARANCE TO ELECTRICAL INSULATION PER SPECIFICATIONS.

MAINTAIN MINIMUM WORKING 0 1 2 3 CLEARANCE TO ELECTRICAL INSULATION PER SPECIFICATIONS.

MAINTAIN WORKING 0 1 2 3 CLEARANCE TO ELECTRICAL INSULATION PER SPECIFICATIONS.

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MECHANICAL RENOVATION NOTES:

1. The symbols and the material list are for the convenience of the contractor.
2. The intended condition is shown on the drawing. INFORMATION PROVIDED FROM FIELD CONDITIONS ARE SHOWN BASED ON INFORMATION PROVIDED FROM FIELD CONDITIONS. CONTRACTOR SHALL VERIFY QUANTITIES AND FURNISH ALL MATERIALS REQUIRED FOR INSTALLATION. THE DRAWINGS SHALL BE FOLLOWED AS CLOSELY AS ACTUAL BUILDING DIAMETRIC AND MAY NOT ALWAYS REFLECT EXACT INSTALLATION CONDITIONS.
3. PARAMETERS SHOWN ON THE DRAWING ARE SHOWN BASED ON INFORMATION PROVIDED FROM FIELD CONDITIONS. CONTRACTOR SHALL VERIFY QUANTITIES AND FURNISH ALL MATERIALS REQUIRED FOR INSTALLATION. THE DRAWINGS SHALL BE FOLLOWED AS CLOSELY AS ACTUAL BUILDING DIAMETRIC AND MAY NOT ALWAYS REFLECT EXACT INSTALLATION CONDITIONS.
4. REVIEW PROJECT PHASING PLANS TO COORDINATE DEMOLITION WORK, OUTAGES, ETC. AND ARCHITECT/ENGINEER PRIOR TO BIDDING IF OTHER UTILITIES ARE REQUIRED TO BE REMOVED OR RELOCATED TO ALLOW ACCESS TO HIS/HER AREA OF WORK.
5. ANY CHANGES REQUIRED TO ELIMINATE CONFLICTS OR THAT RESULT FROM A FAILURE TO VERIFY NON-INTERFERENCE WITH OTHER WORK. DO NOT FABRICATE PRIOR TO INSTALLATION. THE DRAWINGS SHALL BE FOLLOWED AS CLOSELY AS ACTUAL BUILDING DIAMETRIC AND MAY NOT ALWAYS REFLECT EXACT INSTALLATION CONDITIONS.
6. PROVIDE TEMPORARY CONNECTIONS TO MAINTAIN EXISTING SYSTEMS IN SERVICE DURING CONSTRUCTION. MAINTAIN ACCESS TO EXISTING MECHANICAL INSTALLATIONS THAT ARE FULLY OPERATIONAL SYSTEMS, WHETHER SPECIFIED OR NOT. CONTRACTORS SHALL NOTIFY THE GC OF AFFECTED AREAS PRIOR TO BIDDING. EACH CONTRACTOR IS RESPONSIBLE FOR DAMAGE CAUSED BY THEIR ACTIONS TO WALLS, CEILINGS, FLOOR, ETC. (INCLUDING DRYWALL). COORDINATE LOCATIONS OF ACCESS PANELS WITH THE ARCHITECT. NOTIFY THE GC OF THE REQUIRED ACCESS PANEL TYPE AND COLOR WITH ARCHITECT. VERIFY NON-INTERFERENCE WITH OTHER WORK. DO NOT FABRICATE PRIOR TO INSTALLATION. THE DRAWINGS SHALL BE FOLLOWED AS CLOSELY AS ACTUAL BUILDING DIAMETRIC AND MAY NOT ALWAYS REFLECT EXACT INSTALLATION CONDITIONS.
7. REFER TO ARCHITECTURAL REFLECTED CEILING PLAN, ELECTRICAL, TECHNOLOGY DRAWINGS SHOWING LOCATIONS OF EQUIPMENT, DUCTWORK, PIPING, ETC. ARE DRAWN TO DIAMETRIC AND MAY NOT ALWAYS REFLECT EXACT INSTALLATION CONDITIONS. DIAGRAMMATIC AND MAY NOT ALWAYS REFLECT EXACT INSTALLATION CONDITIONS. VERIFY NON-INTERFERENCE WITH OTHER WORK. DO NOT FABRICATE PRIOR TO INSTALLATION. THE DRAWINGS SHALL BE FOLLOWED AS CLOSELY AS ACTUAL BUILDING DIAMETRIC AND MAY NOT ALWAYS REFLECT EXACT INSTALLATION CONDITIONS.
8. FOR CLARITY, NOT ALL VALVES HAVE BEEN SHOWN. PROVIDE SHUTOFF VALVES IN ACCORDANCE WITH LOCAL BUILDING CODES AND AS REQUIRED BY THE CONTRACT. REFER TO LOCAL CODES FOR EXACT INSTALLATION CONDITIONS. VERIFY NON-INTERFERENCE WITH OTHER WORK. DO NOT FABRICATE PRIOR TO INSTALLATION. THE DRAWINGS SHALL BE FOLLOWED AS CLOSELY AS ACTUAL BUILDING DIAMETRIC AND MAY NOT ALWAYS REFLECT EXACT INSTALLATION CONDITIONS.
9. EXISTING CONDITIONS ON DEMOLITION PLANS ARE PROVIDED TO INDICATE THE GENERAL BASIS OF DESIGN. REFER TO ARCHITECTURAL DRAWINGS FOR GENERAL DESCRIPTION OF PHASES. REFER TO THESE NOTES APPLY TO ALL MECHANICAL SHEETS AND TRADES, INCLUDING BUT NOT LIMITED TO: PLUMBING, ELECTRICAL, MECHANICAL, HVAC, AND SECURITY.
10. PROVIDE PLUMBING COVERSHEET TO ENSURE PROTECTIVE PLUMBING, MECHANICAL, AND ELECTRICAL INSTALLATIONS FROM DAMAGE DURING CONSTRUCTION.
11. PROVIDE PLUMBING SHEET INDEX TO ENSURE PROTECTIVE PLUMBING, MECHANICAL, AND ELECTRICAL INSTALLATIONS FROM DAMAGE DURING CONSTRUCTION.
12. WHERE PIPES AND DUCTS ARE SHOWN TO PENETRATE FLOORS, PROVIDE SLEEVED SCHEDULES.

MECHANICAL SHAPING NOTES:

1. REFER TO ARCHITECTURAL DESIGN SPECIFICATIONS FOR GENERAL DESCRIPTION OF PHASES. REFER TO LOCAL CODES FOR EXACT INSTALLATION CONDITIONS. VERIFY NON-INTERFERENCE WITH OTHER WORK. DO NOT FABRICATE PRIOR TO INSTALLATION. THE DRAWINGS SHALL BE FOLLOWED AS CLOSELY AS ACTUAL BUILDING DIAMETRIC AND MAY NOT ALWAYS REFLECT EXACT INSTALLATION CONDITIONS.
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1. CONTRACTOR TO FIELD ROUTE NEW 2-1/2" SANITARY LINE. CONNECT TO EXISTING SANITARY IN JANITOR'S CLOSET.

2. WH-1 LOCATED IN CABINET BELOW SINK.

3. SP-1 LOCATED IN CABINET SPACE BELOW SINK. PROVIDE AIR ADMITTANCE VALVE TO VENT SINK. ROUTE DRAIN TO JANITOR'S CLOSET MOP BASIN ON FIRST FLOOR.
MEZZANINE FLOOR PLAN - PLUMBING

1. Coordinate any shutdowns of existing services or equipment with the owner.
2. Perform shutdowns at a scheduled time to minimize disruption of building operations.

Reference Scale in Inches:
1/8" = 1'-0"
KEYNOTES:

1. DEMOLISH EXISTING LAV, REWORK EXISTING PLUMBING TO PREPARE FOR NEW FIXTURE INSTALLATION.

2. DEMOLISH EXISTING URINAL. CUT AND CAP ASSOCIATED PIPING AT WALL. PATCH WALL AS REQUIRED.

3. PROVIDE AND INSTALL NEW LAV. CONNECT NEW 1/2" DHW, DCW ISOLATION VALVE, 1" SANITARY AND VENT.

SHEET GENERAL NOTES:

1. COORDINATE ANY SHUTDOWNS OF EXISTING SERVICES OR EQUIPMENT WITH OWNER. PERFORM SHUTDOWNS AT A SCHEDULED TIME AS TO MINIMIZE DISRUPTION OF BUILDING OPERATIONS.
### PLUMBING MATERIAL LIST

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<thead>
<tr>
<th>MANUFACTURER</th>
<th>DESCRIPTION</th>
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<td>LAVATORY - EEMAX (SP), BRADFORD WHITE (ES), CHRONOMITE (SR)</td>
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### PLUMBING SCHEDULES

#### SPARK-001

- **Location:** Bench Sink Floor Packaged Sump
- **Water:** 32 gallons
- **Sanitary:** 20 gallons
- **Remarks:** Fixtures shall conform to Federal Act S.3874.

#### Pump Schedule

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1. Coordinate any shutdowns of existing services or equipment with the owner. Perform shutdowns at a scheduled time to minimize disruption of building operations.

2. Cap all open-ended HHW piping. Do not leave any abandoned piping in the area of work. Coordinate with the owner's current HHW renovation project.

Key Notes:

1. Disconnect and remove existing computer room air conditioning (CRAC) unit, and associated piping. Salvage the unit and return it to the owner. Cap the duct main, cut and cap the HHW back to the main. Verify with the owner prior to commencement of work.

Sheet General Notes:

Owner Review 60% CD’s Nov. 13, 2018
Owner Review 90% CD’s Nov. 27, 2018
100% CD’s Dec. 04, 2018
For Bids Dec. 11, 2018
KEYNOTES:
1. NEW 3/4" HHWS/R PIPE TO NEW TERMINAL AIR BOX FROM EXISTING HHWS & R MAINS. PROVIDE ISOLATION VALVES ON SUPPLY AND RETURN PIPING, TWO-WAY CONTROL VALVE & BALANCE VALVE ON RETURN PIPING. SEE DETAIL.

SHEET GENERAL NOTES:
1. COORDINATE ANY SHUTDOWNS OF EXISTING SERVICES OR EQUIPMENT WITH OWNER. PERFORM SHUTDOWNS AT A SCHEDULED TIME AS TO MINIMIZE DISRUPTION OF BUILDING OPERATIONS.
2. COORDINATE HHW INSTALLATION & ROUTING FOR THIS PROJECT WITH OWNER'S HHW PIPING REPLACEMENT PROJECT CURRENTLY UNDER CONSTRUCTION.

NOTICE: THE PERSONS SIGNING THIS DRAWING DO NOT WARRANT THE RELIABILITY, ACCURACY, OR COMPLETENESS OF THE INFORMATION SHOWN THEREON. THIS DRAWING IS FOR DESIGN PURPOSES ONLY. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO REVIEW THE INFORMATION IN THIS DRAWING AND TO DETERMINE THE NECESSARY WORK AND CONDITIONS TO COMPLETE THE DESIGN AND CONSTRUCTION.

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MECHANICAL PHASING NOTES:
These notes apply to ALL DRAWINGS, which are issued in phases:
1. Initial drawings are prepared for general layout. Refer to Construction Manager for more details. Full Drawings are expected to be complete:
   - Sprinkler systems:
   - Fire Protection:
   - Plumbing:
   - HVAC:
   - Electrical:
   - Technology:
   - Security:
   - Ventilation:
   - Architectural:
   - Structural:
   - Construction Manager:

2. MECHANICAL PHASE 1 - BASEMENT FLOOR 1:
- FIRE PROTECTION

MECHANICAL RENOVATION NOTES:
1. See Floor Plans for Zoning Requirements.
2. All Sprinklers shall have color-coded bulb thermal element.
3. All Sprinklers shall be UL and FM listed.
4. All Sprinklers shall have a manufacturer and model.
5. Provide temporary ductwork, piping, shut-off valves, zone valves, etc. as needed to keep systems fully operational throughout all phases of construction.
6. Ventilation, temperature, and humidity controls shall be installed to maintain service to all areas during all phases of construction.
7. All systems shall be coordinated with the general contractor to keep systems fully operational throughout all phases of construction.
8. All systems shall be coordinated with the owner to keep systems fully operational throughout all phases of construction.
9. Obtain permission from the owner before shutting down any system for any reason.
10. Maintain existing systems in service until new systems are complete and ready for full operation.

MECHANICAL GENERAL NOTES:
1. The symbols and the material list are for the convenience of the contractor.
2. Center sprinklers in ceiling tiles in both directions in all areas. In areas with hard ceilings, center sprinklers in grid pattern.
3. Fire protection pipe routing is shown for general layout. Determine exact number of sprinklers, pipe sizing, and pipe routing.
4. The general contractor is responsible for removing and replacing all equipment and systems.
5. Provide temporary ductwork, piping, shut-off valves, zone valves, etc. as needed to maintain service to all areas during all phases of construction.
6. The general contractor is responsible for removing and replacing all equipment and systems.
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ASSOCIATED BRANCH AND MAIN PIPING WITH AREA OF WORK. EXISTING FIRE BOUNDARY INDICATES AREA OF WORK. REMOVE EXISTING SPRINKLERS AND RESPONSE. NEW SPRINKLERS WILL MATCH EXISTING.

OTHER TRADES. RE-USED FIRE PROTECTION PIPING MUST BE INSPECTED AND HYDRAULIC CALCULATIONS AND LOCATED PROPERLY FOR COORDINATION WITH PROTECTION PIPING MAY BE RE-USED IF SIZED PROPERLY PER CONTRACTORS' THE CORRECT LOCATIONS MAY BE LEFT IN PLACE, BUT ONLY IF THEY ARE QUICK NEW SPRINKLERS AND COVERAGE PER NFPA 13. EXISTING SPRINKLER HEADS IN CONTRACTOR MUST DOCUMENT ACCEPTANCE PRIOR TO RE-USING. PROVIDE TEMPORARY CONNECTIONS TO KEEP SYSTEM SERVING AREAS OUT OF SCOPE ACTIVE DURING CONSTRUCTION. CONTRACTOR SHALL EXTEND AND REWORK EXISTING FIRE PROTECTION PIPING AS REQUIRED TO MAINTAIN COVRAGE PER NFPA13. CONTRACTOR SHALL TURN SPRINKLERS UPRIGHT DURING CONSTRUCTION TO MAINTAIN ADEQUATE COVRAGE PER NFPA13. PRIOR TO PROCEEDING. CONTRACTOR SHALL SHUTDOWN AND DRAIN SYSTEM AS REQUIRED TO MAKE MODIFICATIONS. SYSTEM SHUTDOWN SHALL BE COORDINATED WITH OWNER RELOCATE EXISTING UTILITIES AS REQUIRED TO COORDINATE WITH OTHER TRADES. EXISTING PIPING IS SHOWN FOR REFERENCE. CONTRACTOR TO FIELD VERIFY PIPING AND DEMOLITION WORK PRIOR TO CONSTRUCTION START.

COORDINATE ALL DEMOLITION AND NEW WORK WITH ARCHITECTURAL DEMOLITION AND PHASING PLANS.

REFER TO 2/FP00 FOR FIRE RATED BARRIER PENETRATION.

REFER TO 1/FP000 FOR TYPICAL ARMOVER SUPPORT DETAIL.

REFER TO ARCHITECTURAL LIFE SAFETY PLANS FOR LOCATIONS OF ALL FIRE BARRIERS.

FOR BIDS
LUMINAIRE SCHEDULE

ITEM DESCRIPTION L/L MTG
EM1 EMERGENCY UNIT, TWO ADJUSTABLE LED LIGHTING SWITCHED
F1 RECESSED STATIC GRID TROFFER WITH FS HEADS, WHITE THERMOPLASTIC HOUSING.

CATALOG NUMBER SHALL NOT BE CONSIDERED COMPLETE AND MATERIAL SHALL NOT BE ORDERED BY MANUFACTURER AND CATALOG NUMBER ONLY. THE COMPLETE DESCRIPTION AND THE FINISH:

LIGHTING SEQUENCE OF OPERATION

1. CIRCUIT NUMBERS ARE SHOWN FOR CIRCUIT IDENTIFICATION. CIRCUITING SHALL AGREE WITH NUMBERING ON THE PANEL PROVIDED. COMMON NEUTRALS MAY NOT BE USED FOR ELECTRICAL EQUIPMENT, ON EQUIPMENT SUPPLIED BY ANOTHER CONTRACTOR, SHALL BE APPROVED IN ADVANCE BY THE OTHER CONTRACTOR.
2. ALL MATERIALS USED TO SEAL PENETRATIONS OF FIRE RATE D WALLS AND FLOORS SHALL ALLOW FOR INSTALLATION OF NEW EQUIPMENT, PIPING, OR DUCTWORK. AND DROPS MAY BE NECESSARY BECAUSE OF EXISTING FIELD CONDITIONS. EXISTING CONDITIONS ARE SHOWN BASED ON INFORMATION OBTAINED FROM FIELD MEASUREMENTS. EXISTING CONDITIONS ARE SHOWN BASED ON INFORMATION OBTAINED FROM FIELD MEASUREMENTS. CONSTRUCTION COORDINATOR COORDINATES ALL COLLISIONS WITH LIGHTING AND TRAVEL DURIE TO THE REMOVE OF THE LUMINAIRE INSTRUMENTS. COORDINATION COORDINATES ALL COLLISIONS WITH LIGHTING AND TRAVEL DURIE TO THE REMOVE OF THE LUMINAIRE INSTRUMENTS.
3. ALL MATERIALS USED TO SEAL PENETRATION OF FIRE RATE D WALLS AND FLOORS SHALL BE TESTED AND CERTIFIED AS A SYSTEM PER ASTM E814 STANDARDS FOR FIRE TESTS OF CEILINGS, CEILING TILES, AND CEILING GRIDS ASSOCIATED WITH AREAS OF WORK BY ALL CONTRACTORS.
4. CONTRACTOR SHALL VERIFY ALL FURNITURE AND EQUIPMENT LOCATIONS WITH A CONSTRUCTION COORDINATOR.
5. CONTRACTORS SHALL NOTIFY THE GC OF AFFECTED AREAS PRIOR TO BIDDING.
6. CONTRACTORS SHALL PROVIDE A DETAILED SUBMITTAL LISTING OF ALL LIGHTING, FAN, AND VENTILATION EQUIPMENT TO ACCOMMODATE FURNITURE AND EQUIPMENT.
7. CONTRACTORS SHALL PROVIDE A DETAILED SUBMITTAL LISTING OF ALL LIGHTING, FAN, AND VENTILATION EQUIPMENT TO ACCOMMODATE FURNITURE AND EQUIPMENT.
8. CIRCUIT NUMBERS ARE SHOWN FOR CIRCUIT IDENTIFICATION. CIRCUITING SHALL AGREE WITH NUMBERING ON THE PANEL PROVIDED. COMMON NEUTRALS MAY NOT BE USED FOR ELECTRICAL EQUIPMENT, ON EQUIPMENT SUPPLIED BY ANOTHER CONTRACTOR, SHALL BE APPROVED IN ADVANCE BY THE OTHER CONTRACTOR.
9. ALL MATERIALS USED TO SEAL PENETRATION OF FIRE RATE D WALLS AND FLOORS SHALL ALLOW FOR INSTALLATION OF NEW EQUIPMENT, PIPING, OR DUCTWORK.

ELECTRICAL GENERAL NOTES:

ELECTRICAL RENOVATION NOTES:

ELECTRICAL INSTALLATION NOTES:

ELECTRICAL SHEET INDEX

ELECTRICAL EQUIPMENT TAGS
BASEMENT FLOOR DEMOLITION - ELECTRICAL
UNLESS OTHERWISE NOTED, ALL ELECTRICAL DEVICES SHOWN ON THIS DRAWING ARE EXISTING TO REMAIN.

DEVICE WILL BE REPLACED, MAINTAIN WIRING, COORDINATE WORK WITH FACILITY FIRE DEPARTMENT AND FIRE ALARM VENDOR BEFORE START OF WORK. REFER TO DRAWING ES-101.
1. FIXTURE TO BE RELOCATED, REFER TO SHEET EL-103. REMOVE BRANCH CIRCUIT BACK TO SOURCE.

2. DEVICE WILL BE REPLACED, MAINTAIN WIRING, COORDINATE WORK WITH FACILITY FIRE DEPARTMENT AND FIRE ALARM VENDOR BEFORE START OF WORK. REFER TO DRAWING ES-103.

Owner Review 60% CD's Nov. 13, 2018
Owner Review 90% CD's Nov. 27, 2018
100% CD's Dec. 04, 2018
For Bids Dec. 11, 2018
KEYNOTES:

1. RELOCATED 2 - LAMP PARABOLIC FIXTURES, EXTEND EXISTING BRANCH CIRCUIT. CLEAN AND RELAMP FIXTURE.

2. MODIFY LIGHTING CONTROLS AS REQUIRED FOR NEW DEVICES.

3. CLEAN AND RELAMP LIGHT FIXTURES IN THIS ROOM.

4. RELOCATED PRE-WIRED EXISTING SOUND BOOTH.

5. EXTEND UNSWITCHED PORTION OF BRANCH CIRCUIT SERVING THIS ROOM TO EMERGENCY FIXTURE.

SHEET NOTES:

1. REPLACE LAMPS AND BATTERIES IN EXISTING EXIT SIGNS AND EMERGENCY BATTERY UNITS.
**KEYNOTES:**

1. CLEAN AND RELAMP 2 - LAMP PARABOLIC FIXTURES IN THIS ROOM.

2. EXTEND UNSWITCHED PORTION OF BRANCH CIRCUIT SERVING THIS ROOM TO EMERGENCY FIXTURE.
1. CLEAN AND RELAMP 2 - LAMP PARABOLIC FIXTURES IN THIS ROOM.
2. EXTEND UNSWITCHED PORTION OF BRANCH CIRCUIT SERVING THIS ROOM TO EMERGENCY FIXTURE.

PROJECT NUMBER - 18113.0
Prentis Building - Rackham Relocation
IMEG Project Number -

KEYNOTES:

1. OWNER REVIEW 60% CD'S NOV. 13, 2018
2. OWNER REVIEW 90% CD'S NOV. 27, 2018
3. 100% CD'S DEC. 04, 2018
4. FOR BIDS DEC. 11, 2018
1. RELOCATED FIXTURE. EXTEND BRANCH CIRCUITS FROM ADJACENT FIXTURES. MODIFY WIRING WITH NEW CONTROLS SO THAT ALL FIXTURES ARE SWITCHED TOGETHER.

2. MODIFY WIRING AS REQUIRED IN THIS ROOM FOR NEW CONTROLS.

3. EXTEND UNSWITCHED PORTION OF BRANCH CIRCUIT SERVING THIS ROOM TO EMERGENCY FIXTURE.

SHEET NOTES:

1. CLEAN AND RELAMP 2-LAMP PARABOLIC FIXTURES INDICATED IN AREAS OF WORK. CLEAN AND RELAMP FIXTURES IN RESTROOMS.
MEZZANINE FLOOR PLAN - POWER

Key Notes:
1. Connect to existing circuit.
2. Provide surface raceway for receptacle, refer to detail 2 on sheet EP-300. Circuit to spare breaker in LP-1A.

Wayne State University
Facilities Planning and Management
5440 Cass Avenue
Detroit, MI 48202

IMEG
26200 Town Center Drive
Novi, MI 48375
248.344.2800 Fax: 248.344.1650
www.imegcorp.com

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1. THE INTENT OF THE DETAIL IS TO ENSURE DEVICE ROUTING ARE ALIGNED, SOLIDLY MOUNTED, AND THE SURFACE OF THE RECEPTACLE FITS AND THE WALL SURFACE OR MOUNTING BRACKET IS EMBEDDED IN WALL. PLASTER RINGS SHALL BE USED ON ALL STUD WALLS.

2. PLASTER RINGS DEPTH SHALL BE 1/8" DEEPER THAN THE GYP BOARD APPLIED TO THE WALL OR FLOOR. PLASTER RING MOUNTING BRACKETS SHALL BE CADDY #H23 OR B-LINE BB4-23.

3. MOUNTING BRACKET FOR 2 1/2" OR 3 1/2" STUDS SHALL BE CADDY #RBS16/#RBS24 OR B-LINE BB4-23. SUPPORT FROM STUD AND BACK OF WALL OR TWO STUDS.

4. WHERE RECEPTACLE AND TECHNOLOGY DEVICES ARE SHOWN SERVING A COMMON AREA, DUPLICATE MOUNTING BRACKETS SHALL PROVIDE SUPPORT FROM STUD AND BACK OF WALL. PLASTER RING SHALL BE 3/4" FOR USE WITH 5/8" GYP BOARD.

NOTES:

1. WATER-TIGHT WELDED 1"x1" 20 GAUGE MINIMUM GALVANIZED SHEET METAL ANGLE FRAME, DEBURS SLEEVE. G.C. BUILDS SLEEVE INTO WALL OR FLOOR ALLOWING NO GAP AROUND SLEEVE. IF SLEEVE IS NOT PROVIDED WHEN WALL OR FLOOR IS BUILT, CONTRACTOR MUST FIELD PROVIDE SLEEVE.


3. INSTALL BACKING MATERIAL, SUCH AS MINERAL WOOL SAFING, AS REQUIRED FOR FIRE SEALANT WATERPROOF SEALANT BETWEEN FLOOR AND BOTTOM OF ANGLE FRAME. SECURE TO WALL OR FLOOR TO ALLOW LONGITUDINAL MOVEMENT OF PENETRATING ITEM. REFER TO SPECIFICATION SECTION 07840 (16080) FOR SELECTION OF SELECTED FIRE STOP SYSTEM.

4. E.C. SHALL FIELD VERIFY EXACT SENSOR LOCATION WITH P.C. PRIOR TO ROUGH-IN. PROVIDE DOUBLE GANG BACKBOXES AND PLASTER RINGS AT LOCATIONS COORDINATED WITH PLUMBING CONTRACTOR (P.C.) FOR LOW VOLTAGE CLASS II LOW VOLTAGE CONTROL TRANSFORMER, WITH SOLENOID VALVE. MOUNT IN NEMA 1 ENCLOSURE ABOVE ACCESSIBLE CEILING (DESIGNATED ON PLANS). WIRING TO CONTROL MODULES. FOR LOW VOLTAGE CLASS II PRIMARY AND SECONDARY SLEEVE. IF SLEEVE IS NOT PROVIDED WHEN WALL OR FLOOR IS BUILT, CONTRACTOR MUST FIELD PROVIDE SLEEVE.

50' WIRING LENGTH. MAXIMUM OF SIX 3 1/2" HIGH X 1 3/4" DEEP SURFACE RACEWAY TO CONDUIT(S) AS REQUIRED THROUGH PENETRATION FIRE STOPPING. INSTALL IN ACCORDANCE WITH FIRE STOP SYSTEM APPLICATION LISTING. SELECTED FIRE STOP SYSTEM. INSTALL IN ACCORDANCE WITH FIRE STOP SYSTEM APPLICATION LISTING. SELECTED FIRE STOP SYSTEM.

FIRE SEALANT
SIGNAL LINE CIRCUIT
CIRCUIT INTEGRITY WIRING, (TYPICAL)
1. PROVIDE NOTIFICATION APPLIANCE EXTENDER PANELS AS REQUIRED. DETERMINATION OF
NEED TO BE MADE BY FIRE ALARM VENDOR. REFER TO SPECIFICATIONS FOR REQUIREMENTS
AND ACCEPTABLE MOUNTING LOCATIONS.
2. REFER TO SPECIFICATION FOR REQUIREMENTS OF EACH INITIATION LOOP AND WIRING
STYLE. REFER TO FLOOR PLANS FOR DEVICES AND THEIR LOCATIONS.
3. REFER TO SPECIFICATION FOR REQUIREMENTS OF EACH NOTIFICATION APPLIANCE CIRCUIT
AND WIRING STYLE. REFER TO FLOOR PLANS FOR DEVICES AND THEIR LOCATIONS.
4. CONTRACTOR SHALL COORDINATE ALL WIRE SIZES, TYPE S AND REQUIREMENTS WITH THE
VENDOR PRIOR TO BID. REFER TO SPECIFICATIONS TO DETERMINE CIRCUIT STYLES AND IF
CONDUIT IS REQUIRED OR PLENUM RATED CABLE IS ACCEPTABLE.
5. ALL +120VAC WIRING REQUIRED FOR OPERATION OF THE SYSTEM AS DESCRIBED IN THE
CONSTRUCTION DOCUMENTS SHALL BE PROVIDED BY THE ELECTRICAL CONTRACTOR.
6. ALL NECESSARY RELAYS MAY NOT BE SHOWN ON THIS PLAN, BUT WHERE REQUIRED FOR
PROPER OPERATION OF THE SYSTEM THEY SHALL BE PROVIDED BY THE CONTRACTOR.
7. PARTIAL EVACUATION OR RELOCATION OF OCCUPANTS IS THE STANDARD OPERATING
PROCEDURE FOR THIS FACILITY IN THE EVENT OF AN ALARM. THEREFORE, ALL
NOTIFICATION APPLIANCE CIRCUITS MUST BE INSTALLED AND PROTECTED IN ACCORDANCE
WITH THE CIRCUIT SURVIVABILITY REQUIREMENTS DESCRIBED IN NFPA 72. SEE
SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS.
8. PROVIDE CONNECTIONS FOR WORK ON SECOND FLOOR (NIC), COORDINATE WITH OWNER.
THIRD FLOOR DEMOLITION - TECHNOLOGY

General Notes:
1. Refer to T-000 for Technology Symbol List and Line Type Key.

Owner Review 90% CD's Nov. 27, 2018
100% CD's Dec. 04, 2018
For Bids Dec. 11, 2018
GENERAL NOTES:
1. ALL NEW INFORMATION OUTLET ON THIS SHEET MUST BE SERVED FROM THE EXISTING BASEMENT FLOOR TELECOMMUNICATIONS ROOM UNLESS OTHERWISE NOTED.
2. REFER TO T-000 FOR TECHNOLOGY SYMBOL LIST AND GENERAL TECHNOLOGY INSTALLATION NOTES.
3. REFER TO T-200 FOR GENERAL TECHNOLOGY EQUIPMENT SCHEDULE.
4. REFER TO 1/T-200 FOR CONNECTIVITY DIAGRAM AND ADDITIONAL REQUIREMENTS.

KEYNOTES:
1. PROVIDE SURFACE RACEWAY FOR TECHNOLOGY OUTLETS.
GENERAL NOTES:

1. ALL NEW INFORMATION OUTLET ON THIS SHEET SHALL BE SERVED FROM THE EXISTING BASEMENT FLOOR TELECOMMUNICATIONS ROOM UNLESS OTHERWISE NOTED.

2. REFER TO T000 FOR TECHNOLOGY SYMBOL LIST AND GENERAL TECHNOLOGY INSTALLATION NOTES.

3. REFER TO T200 FOR GENERAL TECHNOLOGY EQUIPMENT SCHEDULE.

4. REFER TO 1/T200 FOR CONNECTIVITY DIAGRAM AND ADDITIONAL REQUIREMENTS.

KEYNOTES:

1. PROVIDED FOR OWNER FURNISHED VIDEO PROJECTOR.

2. PROVIDED FOR OWNER FURNISHED WIRELESS ACCESS POINT. COORDINATE SPECIFIC LOCATION WITH OWNER PRIOR TO INSTALLATION.

3. PROVIDE SURFACE RACEWAY FOR TECHNOLOGY OUTLETS.
1. **NEW INFORMATION OUTLETS (SC-IO-W) TO TERMINATE TO AVAILABLE OPEN SPACES ON EXISTING MATERIALS.**

2. **REFER TO INFORMATION OUTLET SCHEDULE ON T-200 AND THE FLOOR PLANS FOR QUANTITY OF MATERIALS SHOWN.**

3. **THIS RISER IS DIAGRAMMATIC AND MAY NOT SHOW ACTUAL ROUTING OR QUANTITIES OF MATERIALS. THIS RISER IS SHOWN FOR CLARIFICATION OF CONNECTION LOCATIONS AND CONFIGURATION REQUIREMENTS.**

4. **REFERENCE SCALE IN INCHES. ABBREVIATION EQUIPMENT LIST DESCRIPTION**

<table>
<thead>
<tr>
<th>CONFIGURATION</th>
<th>JACK DESCRIPTION</th>
<th>PHYSICAL LOCATION</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>PIXEL</td>
<td>T-200 1/10/18 11:12:01 AM</td>
</tr>
</tbody>
</table>

**NOTES:**
- **VOICE BACKBONE**
- **EXISTING COPPER CROSS CONNECT**
- **EXISTING VOICE CABLES AND JACKS TO BE INSTALLED AT EACH INFORMATION OUTLET.**
- **MODULAR PATCH PANELS AND VOICE TERMINATION BLOCKS.**

**REFERENCE SCALE IN INCHES. ABBREVIATION EQUIPMENT LIST DESCRIPTION**